

Air Technologies, Inc.



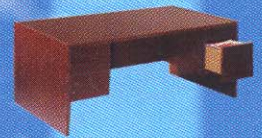
aerospace



vehicles



appliances



office furniture



boat manufacturing



farm equipment

state-of-the-art,

tested and approved,

paint booth and HVAC

filtration products for

industrial applications.





ATI

AIR TECHNOLOGIES, INC. MISSION STATEMENT

ATI is a team of market driven, problem solving professionals. Honesty and integrity compliment ATI's unique products focusing on environmental air quality concerns. As a service-oriented manufacturer, ATI partners with industry to provide cost effective products. ATI is a leader in product development through a continuous R&D program.

ATI has the manufacturing capabilities, multi-location facilities, technology, dedicated work force, quality control, production planning, engineering and management planning to compete favorably at a world class level.

Product design parameters are established based on individual market needs. These parameters include reliability, conformance, durability, serviceability, product performance with overall quality control to effectively exceed industry standards.

Air Technologies, Inc. sales and marketing efforts are unparalleled in providing the expertise to evaluate the individual customer needs and provide a "cost effective solution".

ISO 9002 world quality standards are being implemented at ATI along with managing raw materials suppliers to world class quality levels to ensure product performance and quality repeatability on every order.



QUALITY SOLUTIONS AND COMPLIANCE

Paint Booth Supply Air Quality Standards

- Quality Control: Production standards are challenged when dirt particulates contaminate painted parts.
- Problems: Airborne contaminants introduced through air supply streams in paint booths contribute to costly and unnecessary rejection of painted parts.
- ATI Solutions: Advanced technology for particulate removal is the solution. ATI's HT Series and 3-Stage Diffusion System capture micron sized particulates which are damaging to your paint finishes.

Paint Overspray Collection

- NESHAP/MACT Guidelines: The U.S. EPA has promulgated National Emission Standards for Hazardous Air Pollutants (NESHAP) in the Aerospace Industry. These standards regulate paint overspray emissions of inorganic HAPS in paint spray booths. Efficiencies for dry particulate filter systems require testing using Test Method #319.
- Storm Water Act: Paint particulates escaping through paint booth exhaust stacks are sources for contamination to storm water systems. Paint particulates from the roof and property drain into storm water systems when it rains or snows.
- Industry Problems: Exhausted paint overspray particulate creates other problems - painting cars and property, costly stack maintenance, fan and motor replacement and potential stack fires due to paint buildup.
- ATI Solutions: Capturing the paint overspray at the source is more cost effective than dealing with particulate once it has been exhausted into the atmosphere. ATI's OSM-100 and Aerospace 3000 Systems are cost effective products that deal with your particulate emission problems.



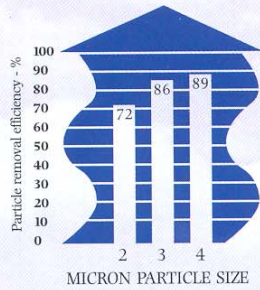
Paint Booth Filtration

Performance Data

3 Stage Diffusion System

HT Panel (24 x 24)

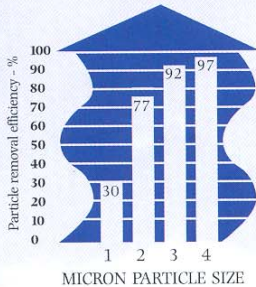
Particle Size vs. Removal Efficiency



Air Flow Rate..... 300 FPM
Initial Static24" W.G.

LT Bag (24 x 24 x 15)

Micron Efficiency Ratings



Air Flow Rate..... 500 FPM
Initial Static37" W.G.

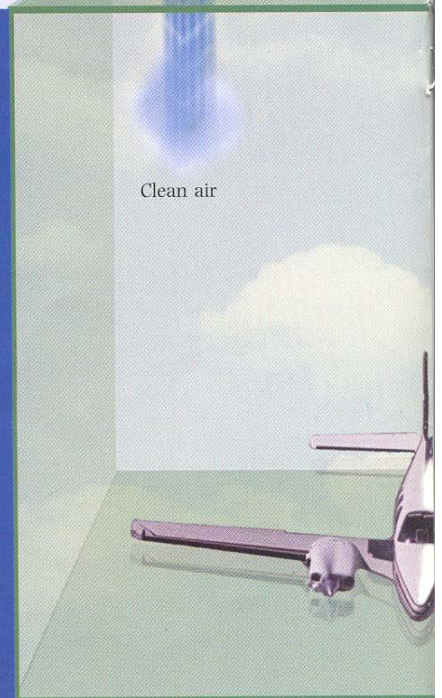
1 HT Panel



2 LT Bag



3 SD / CD

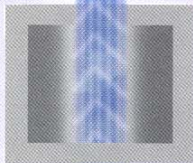


SD / CD Series Test Conditions

	SD	CD
Air Flow Rate.....	150 FPM	150 FPM
Initial Static.....	.10" W.G.	.25" W.G.
Approximate Dust Particle Feed Rate.....	300,000/M ³	300,000/M ³
Air Temperature.....	85°F	85°F
Test Filter Support Grid Rapping Frequency	12/minute	12/minute
Description of Test Dust Used: Fused Aluminum Oxide. Particle Size Range = 10-35 Microns		

Test Results

Time Duration of Test.....	120 minutes	120 minutes
Number of Particles 10 Microns and Larger Counted on Clean Air Side of Filter Media	3300/M ³	0/M ³

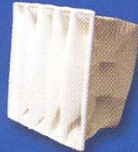


Clean air exhausted

- 6
- 5
- 4



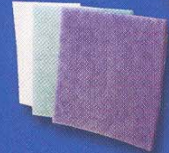
A-3000 6



OSM-100 5



PR / CS / ULTRA 4



NESHAP standards vs. ATI performance

NESHAP



Existing Paint Booth

OSM-100 System

Liquid

Efficiency	Particle Size
>90%	>5.7 um
>50%	>4.1 um
>10%	>2.2 um

Liquid

Efficiency	Particle Size
>99%	>5.62 um
>80%	>3.23 um
>18%	>1.63 um

Solid

Efficiency	Particle Size
>90%	>8.1 um
>50%	>5.0 um
>10%	>2.6 um

Solid

Efficiency	Particle Size
>94%	>7.36 um
>69%	>4.86 um
>16%	>2.47 um

New Paint Booth

Aerospace 3000

Liquid

Efficiency	Particle Size
>95%	>2.00 um
>80%	>1.00 um
>65%	>0.42 um

Liquid

Efficiency	Particle Size
>97%	>1.63 um
>87%	>0.84 um
>76%	>0.42 um

Solid

Efficiency	Particle Size
>95%	>2.50 um
>85%	>1.10 um
>75%	>0.70 um

Solid

Efficiency	Particle Size
>98%	>2.47 um
>92%	>1.00 um
>84%	>0.54 um

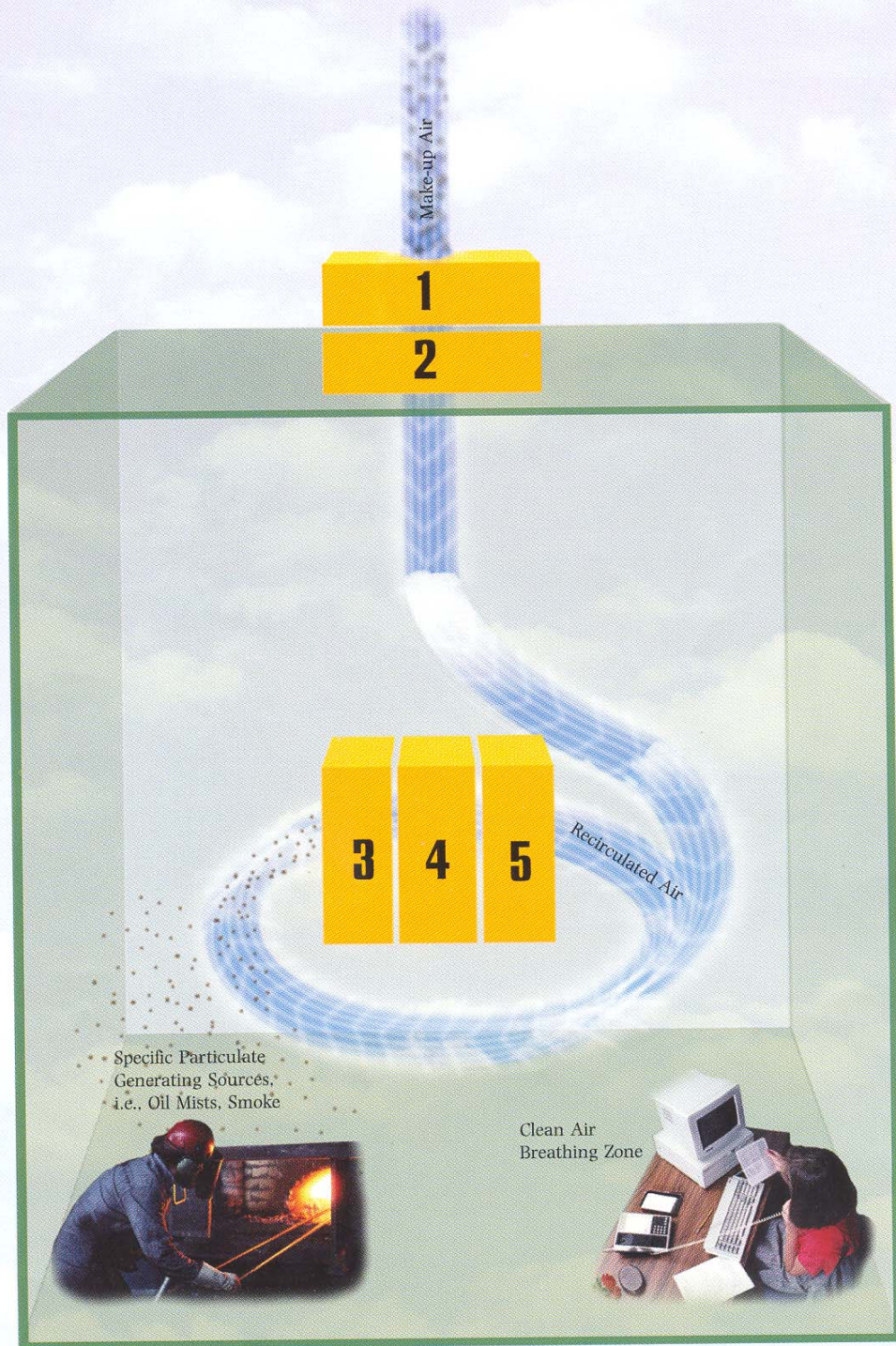
Performance based on Test Method #319

Performance Data

Product	Test Air Flow	Initial Static Pressure	Paint Holding Capacity	Efficiency
PR Media	150 FPM	.03" W.G.	1.7#/S.F.	92.40%
CS Media	150 FPM	.08" W.G.	1.1#/S.F.	99.48%
ULTRA Media	150 FPM	.05" W.G.	2.7#/S.F.	99.76%
OSM-100 system				
High Solid Paint	150 FPM	.16" W.G.	tested as system	99.93%
Air Dry Paint	150 FPM	.16" W.G.	tested as system	99.80%
Powder Paint	150 FPM	.16" W.G.	tested as system	99.88%



HVAC / Special Application Filtration

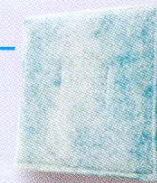


Make Up Air



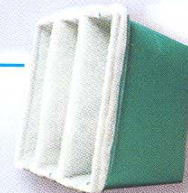
1 HT Panel Particle size vs. removal efficiency

Air Flow Rate..... 300 FPM
Initial Static..... .24" W.G.
Efficiency Rating:
.....2 Micron Size - 72% Efficient
.....3 Micron Size - 86% Efficient
.....4 Micron Size - 89% Efficient



2 LT bag (24 x 24 x 15) Micron efficiency rating

Air Flow Rate 500 FPM
Initial Static..... .37" W.G.
Efficiency Rating:
.....1 Micron Size - 30% Efficient
.....2 Micron Size - 77% Efficient
.....3 Micron Size - 92% Efficient
.....4 Micron Size - 97% Efficient



Special Filtration

3 ULTRA LT bag (24 x 24 x 15)

- Air Flow rate - 300 FPM
- Initial Static Pressure - .21" W.G.
- Efficiency on oil mist 92.7%



4 CA-Panel

- Antimicrobial media/charcoal
- Air Flow rate - 300 FPM
- Initial Static Pressure - .21" W.G.



charcoal side



5 CA-2000 Cell (24 x 24 x 5)

- 3 tenths micron efficiency 99.9%
- Air Flow rate 300 FPM
- Initial Static Pressure - .51" W.G.



Contaminants Collected

*Air Dry Enamels
Bake Enamels
Corrosion Inhibitors
Elastomerics
Fiberglass
Gelcoat
Grinding Dust
Lacquer
Maskant
Oil Mist
Plural Component
Polyester High Solids
Poulane
Powder Paints
Primers
Spray Lat
Stains
UV Paint
Waterborne*

Industries Served

*Aerospace
Aluminum Extrusions
Appliance
Automotive
Boat Manufacturers
Caskets
Computer Cabinetry
Diesel Engines
Farm Equipment
Heating Equipment
Luggage
Metal Fabricators
Motor Manufacturers
Office Furniture
Outboard Engines
Plastic Parts
Recreational Products
RV Vehicles
Tool Boxes
Truck Bodies
Water Heaters
Wood Products*

The logo for Air Technologies, Inc. (ATI) features the letters 'ATI' in a bold, white, sans-serif font. The letter 'A' is significantly larger than the 'T' and 'I', and the 'I' has a small horizontal bar at its top. The logo is set against a background of rolling green hills under a blue sky with white clouds.

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ATI offers full service support.